

Title (en)
APPARATUS FOR ENCODING AND DECODING IMAGE AND METHOD THEREOF

Title (de)
VORRICHTUNG ZUM CODIEREN UND DECODIEREN VON BILDERN UND VERFAHREN DAFÜR

Title (fr)
APPAREIL DE CODAGE ET DE DECODAGE D'IMAGE ET SON PROCEDE

Publication
EP 1825687 A4 20110316 (EN)

Application
EP 05822193 A 20051214

Priority
• KR 2005004310 W 20051214
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Abstract (en)
[origin: WO2006065078A1] An image encoding and/or decoding apparatus and method are provided. The image encoding apparatus includes: a transform unit removing spatial redundancy by transforming an original image being input; an allowable noise obtaining unit obtaining an allowable noise from the original image; a quantization parameter determination unit determining a quantization parameter by using the allowable noise; a quantization unit generating a quantized coefficient, by quantizing a transform coefficient provided from the transform unit by using the quantization parameter; and an entropy encoding unit entropy encoding the quantized coefficient to remove statistical redundancy.

IPC 8 full level
G06T 9/00 (2006.01); **H03M 7/30** (2006.01); **H04N 1/41** (2006.01); **H04N 1/413** (2006.01); **H04N 7/26** (2006.01); **H04N 7/34** (2006.01); **H04N 19/126** (2014.01); **H04N 19/136** (2014.01); **H04N 19/146** (2014.01); **H04N 19/147** (2014.01); **H04N 19/154** (2014.01); **H04N 19/30** (2014.01); **H04N 19/593** (2014.01); **H04N 19/60** (2014.01); **H04N 19/61** (2014.01); **H04N 19/625** (2014.01); **H04N 19/63** (2014.01); **H04N 19/85** (2014.01); **H04N 19/91** (2014.01)

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Citation (search report)
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WO 2006065078 A1 20060622; CN 101080931 A 20071128; CN 101080931 B 20100616; EP 1825687 A1 20070829; EP 1825687 A4 20110316; EP 1825687 B1 20151028; JP 2008523706 A 20080703; JP 5001853 B2 20120815; KR 100928968 B1 20091126; KR 20070090191 A 20070905; US 2008131014 A1 20080605; US 9008451 B2 20150414

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KR 2005004310 W 20051214; CN 200580043002 A 20051214; EP 05822193 A 20051214; JP 2007545388 A 20051214; KR 20077013456 A 20051214; US 79314705 A 20051214